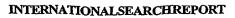


International application No. PCT/JP03/ 15855

CLASSIFICATIONOFSUBJECTMATTER Int.Cl? G02F1/13363,G02F1/1335,G02F1/139 According to International Patent Classification (IPC) or to both national classification and IPC FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int.Cl7 G02F1/13363,G02F1/1335,G02F1/139,G02B5/30 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Japanese Utility Model Gazette 1922-1996, Japanese Publication of Unexamined Utility Model Applications 1971-2004, Japanese Registered Utility Model Gazette 1994-2004, Containing the Utility Model 1996-2004 Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) C. DOCUMENTS CONSIDERED TO BE RELEVANT Category* Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. JP 2002-182215 A(FUJI PHOTO FILM CO., LTD.) 1-4,6-16, 2002.06.26, whole document 18-23 A (Family:none) 5,17 Y US 2001/30726 A1(Yoshida et al.)2001.10.18, 13-16,18-23 A whole document & JP 2002-182036 A 17 Y JP 2002-328228 A(FUJI PHOTO FILM CO., LTD.) 1-4,6-16, 2002.11.15, whole document & 18-23 A WO 02/101447 A1 5,17 Y US 2002/15123 A1(Iwata et al.)2002.02.07 10,21 whole document & JP 11-160505 A Y, JP 7-325203 A(DAINIPPON INSATSU CO., LTD.) 10,21 1995.12.12, whole document (Family:none) Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention document defining the general state of the art which is not considered to be of particular relevance earlier application or patent but published on or after the international filing date document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) inventive step when the document is taken alone document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art document referring to an oral disclosure, use, exhibition or other document published prior to the international filing date but later "&" document member of the same patent family than the priority date claimed Date of mailing of the international search report Date of the actual completion of the international search 30. 3. 2004 17.03.2004 Name and mailing address of the ISA/JP Authorized officer 9513 Japan Patent Office MASATO MIGITA

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